

Heat-storage material

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AB A heat-storage material comprises a binary mixt. of NaOH, NaOH.H₂O, KOH, and/or KOH.H₂O in the eutectic region. Heat storage materials are 79:21 to 74:26 (mol. ratio) NaOH.H₂O-KOH.H₂O mixts.; 50.8:49.2 to 51.7:48.3 (mol. ratio) NaOH.H₂O-NaOH mixts.; and mixts. of NaOH 40-46, KOH 8-10 mol%, and remainder H₂O. Favorable storage capacities, m.ps., and melting behaviors of the disclosed preferred eutectic mixts. and known ref. heat storage materials are tabulated. These mixts. can be used in conventional plastic or metal containers.